ELSEVIER

General Subjects

Vol. 1201, 1994

BBA Biochimica et Biophysica Acta

Author Index

Abe, T., Konishi, T., Katoh, T., Hirano, H., Matsukuma, K., Kashimura, M. and Higashi, K.
Induction of heat shock 70 mRNA by cadmium is mediated by glutathione suppressive and non-suppressive triggers (1201) 29
Allan, E.H., see Fukumoto, S. (1201) 223
Altekar, W., see Rangaswamy, V. (1201) 106
Andaluz, E., see Muñoz, M.D. (1201) 361
Andersen, S.O., see Wybrandt, G.B. (1201) 15
Arvidsson, L., see Bergqvist, B. (1201) 51
Awald, P.D., Frost, D., Drake, R.R. and Selitrennikoff, C.P.
(1,3)β-Glucan synthase activity of *Neurospora crassa*: identification of a substrate-binding protein (1201) 312

Bachofen, R., see Roth, R. (1201) 271
Baggiolini, M., see Morel, F. (1201) 373
Barghouti, I.I., see Higazi, A.A.-R. (1201) 442
Basco, R., see Muñoz, M.D. (1201) 361
Bergqvist, B., Arvidsson, L., Pettersson, E., Galt, S., Saalman, E., Hamnerius, Y. and Nordén, B.
Effect of microwave radiation on permeability of liposomes. Evidence against non-thermal leakage (1201) 51
Berthier, S., see Morel, F. (1201) 373
Besra, G.S., see Hartmann, S. (1201) 339
Bhaskaran, R., see Jayaraman, G. (1201) 149
Bieber, L., see Kurth, L. (1201) 321
Borkow, G., Gutierrez, J.M. and Ovadia, M.
A potent antihemorrhagin in the serum of the non-poisonous water snake *Natrix tessellata*: isolation, characterization and mechanism of neutralization (1201) 482
Bornscheuer, U., Reif, O.-W., Lausch, R., Freitag, R., Scheper, T., Kolisis, F.N. and Menge, U.
Lipase of *Pseudomonas cepacia* for biotechnological purposes: purification, crystallization and characterization (1201) 55
Brandsma, A.E., Tibboel, D., Vulto, I.M., De Vijlder, J.J.M., Ten Have-Opbroek, A.W. and Wiersinga, W.M.
Inhibition of T_3-receptor binding by Nitrofen (1201) 266
Brees, C.A.E., see Fransen, M. (1201) 157
Breitenbach, M., see Kungl, A.J. (1201) 345
Brindley, D.N., see Simpson, K.J. (1201) 411
Brown, R.A., see Eastwood, M. (1201) 186

Cai, R.-X., see Sakai, H. (1201) 259
Campana, G., see Flamigni, F. (1201) 101
Carboni, L., see Flamigni, F. (1201) 101
Caswell, A.M., see Leong, W.S. (1201) 298
Cerveñansky, C., see Durán, R. (1201) 381
Chang, L.R., see Jayaraman, G. (1201) 149
Charlesworth, P., see VanSteveninck, J. (1201) 23
Cho, Y.D., see Choi, Y.S. (1201) 466
Choi, Y.S. and Cho, Y.D.
A new *S*-adenosylmethionine decarboxylase from soybean axes (1201) 466
Chowrimootoo, G., see Kozma, M.M. (1201) 229
Christoffersen, R.E., see Hallahan, D.L. (1201) 94
Chuang, D.T., see Wynn, R.M. (1201) 125
Cohen-Armon, M., see Maymon, R. (1201) 173
Comper, W.D., see Vyas, S.V. (1201) 367
ConnorsWhite, A.L., see Young, P.R. (1201) 461
Cordes, J.F., see O'Flaherty, J.T. (1201) 505
Cox, R.P., see Wynn, R.M. (1201) 125

Dajas, F., see Durán, R. (1201) 381
Dalton, H., see Jiang, Y. (1201) 76
Davidson, M.B., Hunt, K. and Fernandez-Mejia, C.
The hexosamine biosynthetic pathway and glucose-induced down regulation of glucose transport in L_6 myotubes (1201) 113
Dawson, G.W., see Hallahan, D.L. (1201) 94
De Béthune, B., see Fransen, M. (1201) 157
Debnam, E.S., see Kozma, M.M. (1201) 229
De La Rosa, J., see Langkamp-Henken, B. (1201) 397
De Vijlder, J.J.M., see Brandsma, A.E. (1201) 266
Dewald, B., see Morel, F. (1201) 373
Dianoux, A.C., see Morel, F. (1201) 373
Drake, R.R., see Awald, P.D. (1201) 312
Dubbelman, T.M.A.R., see VanSteveninck, J. (1201) 23
Durán, R., Cerveñansky, C., Dajas, F. and Tipton, K.F.
Fasciculin inhibition of acetylcholinesterase is prevented by chemical modification of the enzyme at a peripheral site (1201) 381
Dzido, G.A., see Young, P.R. (1201) 461

Eastwood, M., McGrouther, D.A. and Brown, R.A.
A culture force monitor for measurement of contraction forces generated in human dermal fibroblast cultures: evidence for cell-matrix mechanical signalling (1201) 186
Egli, T., see Senn, H. (1201) 424
Eikhom, T.S., see Kvannes, J. (1201) 203
Epstein, O., see Kozma, M.M. (1201) 229

Feldhoff, R.C., see Kimball, S.R. (1201) 473
Fernandez-Mejia, C., see Davidson, M.B. (1201) 113
Fife, R.S., Moody, S., Houser, D. and Proctor, C.
Studies of copper transport in cultured bovine chondrocytes (1201) 19
Fitzsimons, E.J., see Houston, T. (1201) 85
Flamigni, F., Campana, G., Carboni, L., Rossoni, C. and Spampinato, S.
Post-transcriptional inhibition of ornithine decarboxylase induction by zinc in a difluoromethylornithine resistant cell line (1201) 101
Flatmark, T., see Kvannes, J. (1201) 203
Foje, K.L. and Hanzlik, R.P.
Peptidyl thioamides as substrates and inhibitors of papain, and as probes of the kinetic significance of the oxyanion hole (1201) 447
Fraker, P., see Kurth, L. (1201) 321
Fransen, M., Brees, C.A.E., De Béthune, B., Van Veldhoven, P.P. and Mannaerts, G.P.
The 80 kDa cytosolic protein that binds the C-terminal part of rat acyl-CoA oxidase is not a peroxisomal import receptor but a prolyl-endopeptidase (1201) 157
Fraser, J.L., see Hartmann, S. (1201) 339
Freitag, R., see Bornscheuer, U. (1201) 55
Frigillana, P., see Pou, S. (1201) 118
Frost, D., see Awald, P.D. (1201) 312

Fuhr, G., Glasser, H., Müller, T. and Schnelle, T.
Cell manipulation and cultivation under a.c. electric field influence in highly conductive culture media (1201) 353
Fujishima, A., see Sakai, H. (1201) 259
Fukumoto, S., Allan, E.H. and Martin, T.J.
Regulation of plasminogen activator inhibitor-1 (PAI-1) expression by 1,25-dihydroxyvitamin D-3 in normal and malignant rat osteoblasts (1201) 223
Fukunaga, T., see Tada, K. (1201) 135
Fulco, A.J., see Klein, M.L. (1201) 245

Galatenko, O.A., see Shashkov, A.S. (1201) 333
Galt, S., see Bergqvist, B. (1201) 51
Ganesh, K.N., see Joshi, R.R. (1201) 454
Geller, A.M., see Langkamp-Henken, B. (1201) 397
Glasser, H., see Fuhr, G. (1201) 353
Grinberg, L.N. and Samuni, A.
Nitroxide stable radical prevents primaquine-induced lysis of red blood cell (1201) 284
Gulati, S., see Pahan, K. (1201) 491
Guo, L., see Li, X.A. (1201) 143
Gutierrez, J.M., see Borkow, G. (1201) 482

Hallahan, D.L., Lau, S.-M.C., Harder, P.A., Smiley, D.W.M., Dawson, G.W., Pickett, J.A., Christoffersen, R.E. and O'Keefe, D.P.
Cytochrome *P*-450-catalysed monoterpenoid oxidation in catmint (*Nepeta racemosa*) and avocado (*Persea americana*); evidence for related enzymes with different activities (1201) 94
Hamano, S., see Noguchi, S. (1201) 7
Hamer, G., see Senn, H. (1201) 424
Hamnerius, Y., see Bergqvist, B. (1201) 51
Hanzlik, R.P., see Foje, K.L. (1201) 447
Harder, P.A., see Hallahan, D.L. (1201) 94
Hartmann, S., Besra, G.S., Fraser, J.L., König, W.A., Minnikin, D.E. and Ridell, M.
Stereochemistry of 2,4-dimethyleicos-2-enoate from the pyruvylated glycolipid of *Mycobacterium smegmatis* (1201) 339
Hartmann, S., Mallet, A.I., Minnikin, D.E. and Ridell, M.
Thin-layer chromatography and mass spectrometry of pentafluorobenzylidene derivatives of members of the phthiocerol family from *Mycobacterium tuberculosis* and *Mycobacterium marinum* (1201) 129
Hashimoto, H., see Yanagimoto, T. (1201) 405
Hashimoto, K., see Sakai, H. (1201) 259
Hashizume, K.-i., see Noguchi, S. (1201) 7
Hatanaka, K., see Li, X.A. (1201) 143
Hernández, L.M., see Muñoz, M.D. (1201) 361
Higashi, K., see Abe, T. (1201) 29
Higazi, A.A.-R. and Barghouti, I.I.
Regulation of neutrophil activation by oleic acid (1201) 442
Hill, P.A., Reynolds, J.J. and Meikle, M.C.
The purification and partial characterization of bone resorptive polypeptides from bovine bone matrix (1201) 193
Hirano, H., see Abe, T. (1201) 29
Ho, S.N., see Jayaraman, G. (1201) 149
Hogg, N., see Singh, R.J. (1201) 437
Holtzinger, M., see Maymon, R. (1201) 173
Hoshino, J., Koeppel, C. and Westhäuser, E.
3-Aminobenzamide enhances dexamethasone-mediated mouse thymocyte depletion in vivo: implication for a role of poly ADP-ribosylation in the negative selection of immature thymocytes (1201) 516
Houser, D., see Fife, R.S. (1201) 19
Houston, T., Moore, M.R., McColl, K.E.L. and Fitzsimons, E.J.
Regulation of haem biosynthesis in normoblastic erythropoiesis: role of 5-aminolaevulinic acid synthase and ferrochelatase (1201) 85
Hunt, K., see Davidson, M.B. (1201) 113

Illarionov, B., Illarionova, V., Lee, J., Van Dongen, W. and Vervoort, J.
Expression and properties of the recombinant lumazine (riboflavin) protein from *Photobacterium leiognathi* (1201) 251
Illarionova, V., see Illarionov, B. (1201) 251
Ito, E., see Sakai, H. (1201) 259
Itoh, S., see Yanagimoto, T. (1201) 405
Izumi, H., see Tada, K. (1201) 135

Jayaraman, G., Bhaskaran, R., Yu, C., Young, J.J., Jung, L.J., Liu, W.T., Ho, S.N. and Chang, L.R.
Three-dimensional structure in solution of griseoviridin, a group A antibiotic (1201) 149
Jefferson, L.S., see Kimball, S.R. (1201) 473
Jiang, Y. and Dalton, H.
Chemical modification of the hydroxylase of soluble methane monooxygenase gives one form of the protein with significantly increased thermostability and another that functions well in organic solvents (1201) 76
Jones, G.P., Paleg, L.G. and Winzor, D.J.
Elimination of self-association as the source of the thermodynamic nonideality in aqueous proline solutions (1201) 37
Joshi, R.R. and Ganesh, K.N.
Duplex and triplex directed DNA cleavage by oligonucleotide-Cu(II)/Co(III) metallodesferal conjugates (1201) 454
Jung, L.J., see Jayaraman, G. (1201) 149

Kaartinen, J.M., LaNoue, K.F. and Ohisalo, J.J.
Quantitation of inhibitory G-proteins in fat cells of obese and normal-weight human subjects (1201) 69
Kalyanaraman, B., see Singh, R.J. (1201) 437
Kalyani, P., see Ravishankar, H.N. (1201) 289
Kamataki, T., see Yanagimoto, T. (1201) 405
Karinch, A.M., see Kimball, S.R. (1201) 473
Kashiba, K., see Yoshida, Y. (1201) 165
Kashimura, M., see Abe, T. (1201) 29
Katoh, T., see Abe, T. (1201) 29
Katsumata, T., see Noguchi, S. (1201) 7
Kauffmann, H.F., see Kungl, A.J. (1201) 345
Kaul, S.C., Wadhwa, R., Sugihara, T., Obuchi, K., Komatsu, Y. and Mitsui, Y.
Identification of genetic events involved in early steps of immortalization of mouse fibroblasts (1201) 389
Kawai, E., see Suzaki, E. (1201) 328
Keaton, L., see Pou, S. (1201) 118
Kimball, S.R., Karinch, A.M., Feldhoff, R.C., Mellor, H. and Jefferson, L.S.
Purification and characterization of eukaryotic translational initiation factor eIF-2B from liver (1201) 473
Kitamura, Y., see Li, X.A. (1201) 143
Klein, M.L. and Fulco, A.J.
The interaction of cytochrome *c* and the heme domain of cytochrome $P\text{-}450_{BM\text{-}3}$ with the reductase domain of cytochrome $P\text{-}450_{BM\text{-}3}$ (1201) 245
Ko, F.-N., see Wu, C.-C. (1201) 1
Kochanowski, H., see Shashkov, A.S. (1201) 333
Kochi, H., see Wynn, R.M. (1201) 125
Kodama, Y., see Suzaki, E. (1201) 328
Koeppel, C., see Hoshino, J. (1201) 516
Kohno, K., see Tada, K. (1201) 135
Kolisis, F.N., see Bornscheuer, U. (1201) 55
Komatsu, Y., see Kaul, S.C. (1201) 389
König, W.A., see Hartmann, S. (1201) 339
Konishi, T., see Abe, T. (1201) 29
Kotb, M., see Langkamp-Henken, B. (1201) 397
Kozlova, Y.I., see Shashkov, A.S. (1201) 333

Kozma, M.M., Chowrimootoo, G., Debnam, E.S., Epstein, O. and Srai, S.K.S.
Developmental changes in mucosal iron binding proteins in the guinea pig. Expression of transferrin, H and L ferritin and binding of iron to a low molecular weight protein (1201) 229
Kristensen, L., see Oxvig, C. (1201) 415
Kristensen, T., see Oxvig, C. (1201) 415
Kubota, Y., see Sakai, H. (1201) 259
Kungl, A.J., Breitenbach, M. and Kauffmann, H.F.
Molecular dynamics simulation of the rare amino acid LL-dityrosine and a dityrosine-containing peptide: comparison with time-resolved fluorescence (1201) 345
Kurth, L., Fraker, P. and Bieber, L.
Utilization of intracellular acylcarnitine pools by mononuclear phagocytes (1201) 321
Kuwano, M., see Tada, K. (1201) 135
Kuwayama, M., see Noguchi, S. (1201) 7
Kvannes, J., Eikhom, T.S. and Flatmark, T.
The peroxisomal β-oxidation enzyme system of rat heart. Basal level and effect of the peroxisome proliferator clofibrate (1201) 203

Lagerberg, J.W.M., see VanSteveninck, J. (1201) 23
Langkamp-Henken, B., Geller, A.M., LeGros, Jr., H.L., Price, J.O., De La Rosa, J. and Kotb, M.
Characterization of distinct forms of methionine adenosyltransferase in nucleated, and mature human erythrocytes and erythroleukemic cells (1201) 397
LaNoue, K.F., see Kaartinen, J.M. (1201) 69
Larriba, G., see Muñoz, M.D. (1201) 361
Lau, S.-M.C., see Hallahan, D.L. (1201) 94
Lausch, R., see Bornscheuer, U. (1201) 55
Lee, J., see Illarionov, B. (1201) 251
Lee, S.L., see O'Flaherty, J.T. (1201) 505
LeGros, Jr., H.L., see Langkamp-Henken, B. (1201) 397
Leibovici, J., see Maymon, R. (1201) 173
Lendenmann, U., see Senn, H. (1201) 424
Leong, W.S., Russell, R.G.G. and Caswell, A.M.
Stimulation of cartilage resorption by extracellular ATP acting at P_2-purinoceptors (1201) 298
Li, X.A., Hatanaka, K., Guo, L., Kitamura, Y. and Yamamoto, A.
Binding of serum amyloid P component to heparin in human serum (1201) 143
Liu, W.T., see Jayaraman, G. (1201) 149
Louisot, P., see Tardy, F. (1201) 41

Mallet, A.I., see Hartmann, S. (1201) 129
Mannaerts, G.P., see Fransen, M. (1201) 157
Martin, A., see Simpson, K.J. (1201) 411
Martin, A., see Tardy, F. (1201) 41
Martin, T.J., see Fukumoto, S. (1201) 223
Masujima, T., see Suzaki, E. (1201) 328
Masumi, S., see Tada, K. (1201) 135
Matsukuma, K., see Abe, T. (1201) 29
Maymon, B.B.-S., see Maymon, R. (1201) 173
Maymon, R., Maymon, B.B.-S., Cohen-Armon, M., Holtzinger, M. and Leibovici, J.
Enhancing effect of ATP on intracellular adriamycin penetration in human ovarian cancer cell lines (1201) 173
McColl, K.E.L., see Houston, T. (1201) 85
McGrouther, D.A., see Eastwood, M. (1201) 186
Mchaourab, H.S., see Singh, R.J. (1201) 437
McKee, E.E.
Mitochondrial gene expression in *Saccharomyces cerevisiae*. IV. Effects of yeast cytosol on mitochondrial protein synthesis, degradation, and respiration (1201) 235
Meikle, M.C., see Hill, P.A. (1201) 193
Mellor, H., see Kimball, S.R. (1201) 473
Menge, U., see Bornscheuer, U. (1201) 55
Minnikin, D.E., see Hartmann, S. (1201) 129
Minnikin, D.E., see Hartmann, S. (1201) 339
Mitsui, Y., see Kaul, S.C. (1201) 389
Moody, S., see Fife, R.S. (1201) 19
Moore, M.R., see Houston, T. (1201) 85
Morel, F., Dewald, B., Berthier, S., Zaoui, P., Dianoux, A.C., Vignais, P.V. and Baggiolini, M.
Further characterization of the gelatinase-containing particles of human neutrophils (1201) 373
Müller, T., see Fuhr, G. (1201) 353
Muñoz, M.D., Hernández, L.M., Basco, R., Andaluz, E. and Larriba, G.
Glycosylation of yeast exoglucanase sequons in *alg* mutants deficient in the glucosylation steps of the lipid-linked oligosaccharide. Presence of glucotriose unit in Dol-PP-$GlcNAc_2Man_9Glc_3$ influences both glycosylation efficiency and selection of *N*-linked sites (1201) 361

Nakano, M., see Noguchi, S. (1201) 7
Nappi, A.J. and Vass, E.
The effects of glutathione and ascorbic acid on the oxidations of 6-hydroxydopa and 6-hydroxydopamine (1201) 498
Naumova, I.B., see Shashkov, A.S. (1201) 333
Niki, E., see Yoshida, Y. (1201) 165
Noguchi, S., Yonezawa, N., Katsumata, T., Hashizume, K.-i., Kuwayama, M., Hamano, S., Watanabe, S. and Nakano, M.
Characterization of the zona pellucida glycoproteins from bovine ovarian and fertilized eggs (1201) 7
Nordén, B., see Bergqvist, B. (1201) 51
Ny, T., see Urano, T. (1201) 217

Obuchi, K., see Kaul, S.C. (1201) 389
O'Flaherty, J.T., Cordes, J.F., Lee, S.L., Samuel, M. and Thomas, M.J.
Chemical and biological characterization of oxo-eicosatetraenoic acids (1201) 505
Ohisalo, J.J., see Kaartinen, J.M. (1201) 69
O'Keefe, D.P., see Hallahan, D.L. (1201) 94
Ovadia, M., see Borkow, G. (1201) 482
Oxvig, C., Sand, O., Kristensen, T., Kristensen, L. and Sottrup-Jensen, L.
Isolation and characterization of circulating complex between human pregnancy-associated plasma protein-A and proform of eosinophil major basic protein (1201) 415

Pahan, K., Gulati, S. and Singh, I.
Phytanic acid α-oxidation in rat liver mitochondria (1201) 491
Paleg, L.G., see Jones, G.P. (1201) 37
Peters, T.J., see Simpson, K.J. (1201) 411
Pettersson, E., see Bergqvist, B. (1201) 51
Pickett, J.A., see Hallahan, D.L. (1201) 94
Pou, S., Keaton, L., Surichamorn, W., Frigillana, P. and Rosen, G.M.
Can nitric oxide be spin trapped by nitrone and nitroso compounds? (1201) 118
Price, J.O., see Langkamp-Henken, B. (1201) 397
Proctor, C., see Fife, R.S. (1201) 19

Qian, R., Shi, W.X., Shen, Z.M. and Sun, C.
A mannose-specific lectin from *Vicia villosa* seeds (1201) 61

Ramasarma, T., see Ravishankar, H.N. (1201) 289
Rangaswamy, V. and Altekar, W.
Characterization of 1-phosphofructokinase from halophilic archaebacterium *Haloarcula vallismortis* (1201) 106
Ravishankar, H.N., Kalyani, P. and Ramasarma, T.
NADH oxidation is stimulated by an intermediate formed during vanadyl–H_2O_2 interaction (1201) 289
Reif, O.-W., see Bornscheuer, U. (1201) 55
Reynolds, J.J., see Hill, P.A. (1201) 193
Ridell, M., see Hartmann, S. (1201) 129
Ridell, M., see Hartmann, S. (1201) 339
Rosen, G.M., see Pou, S. (1201) 118